

What is claimed is:

1. A network-based golf club selection system, comprising:

a communication network capable of connecting a plurality of communication lines of users and performing a data communication related to a golf club selection between the users;

a plurality of user computers in which a communication is connected with a server computer through the communication network in accordance with a control the user, and a basic information data used for computing an optimum CPM (Cycle Per Minute) such as age, tall, weight, grasping power, career, flying distance by the cubs, swing speed, etc. inputted by the user in accordance with a form data provided from the server computer is outputted to the server computer, and when the product lists by the brands proper to the optimum CPM of a corresponding user are inputted from the server computer, a purchase data and cost payment data of a specific golf club selected by the user who requested the product lists by the brands are outputted to the server computer; and

a server computer in which a certain form data is outputted for inputting a basic information data used for computing the optimum CPM in accordance with a request of the user computer connected through the communication network, and when the basic information data such as age, tall, weight, grasping power, career, flying distance by the clubs, swing speed, etc. are inputted from the user computer, the optimum CPM (loft angle of head, lie angle, face angle, head volume, kick point of shaft, etc.) of a corresponding user is computed based on the CPM data with respect to the previously stored basic information, and the product lists by the brands proper to the optimum CPM of a corresponding user is extracted based on the previously stored product lists by the brands and is outputted to a corresponding user computer, and when a purchase data (golf club fabrication data, shaft change data, etc.) of the specific golf club is inputted from the user computer, a cost

payment is requested based on the golf club purchase, and the cost payment is performed based on the cost payment data inputted from the user computer, and a delivery of the golf club to the address that the user inputted is controlled.

2. The system of claim 1, wherein said server computer includes:

a data communication unit for processing an output of a form data for inputting a basic information data for an optimum CPM computation with a user computer connected through the communication network, an input of a basic information data such as age, tall, weight, grasping power, career, flying distance by the clubs, swing speed, etc. based on the form data, an output of the product lists by the brands proper to the optimum CPM of a corresponding user, and an input of the purchase data and cost payment data of a specific golf club;

a main controller for controlling an output of the form data for inputting a basic information data for an optimum CPM computation in accordance with a form data request of the user computer inputted through the data communication unit, an optimum CPM computation of a corresponding user based on the basic information data such as age, tall, weight, grasping power, career, flying distance by the clubs, swing speed, etc. inputted through the data communication unit, an extraction of the product lists by the brands proper to the optimum CPM of a corresponding user based on the golf club database and an output to a corresponding user computer, and a process of the cost payment based on the golf club purchase based on the purchase data and cost payment data of the golf club inputted through the data communication unit and a delivering process of the purchased golf club;

a member management database for storing log-in information, personal information, and the basic information data such as age, tall, weight, grasping power, career, flying distance by the clubs, swing speed, etc. used for setting the optimum CPM and the optimum CPM computed by the optimum CPM computation unit in

accordance with a control of the main control unit;

a golf club database for storing the product lists by the brands sold through an electronic commerce in accordance with a control of the main control unit;

a CPM database for storing a CPM information of the standard with respect to basic information such as age, tall, weight, grasping power, career, flying distance by the clubs, swing speed, etc. in accordance with a control of the main control unit;

an optimum CPM computation unit for computing an optimum CPM of a corresponding user using the CPM database in which a standard CPM information with respect to each basic information is stored based on the basic information data inputted from a corresponding user computer in accordance with a control of the main control unit; and

a cost payment unit for performing a cost payment based on the purchase of a corresponding golf club based on the cost payment data inputted from the user computer that selected the purchase of a specific golf club in accordance with a control of the main control unit.

3. The system of claim 1, wherein said server computer generates a diagnosis data of a golf club proper to a corresponding user in accordance with the optimum CPM of a corresponding user computed based on various basic information data inputted by the user and outputs the generated diagnosis data to a corresponding user computer together with the product lists by the brands proper to the optimum CPM of a corresponding user.

4. The system of claim 1, wherein said server computer provides different weights by the basic information items in consideration with a correlation between each basic information item and the optimum CPM and computes the optimum CPM of a corresponding user when computing the optimum CPM using the CPM

information standardized by each basic information item based on various basic information data inputted by the user.

5. A network-based golf club selection method, comprising the steps of:

5 (1) a step in which a member connection of a user computer that connected with a server computer through a communication network is performed, and a certain form data is outputted to a corresponding user computer for inputting a basic information data used for computing the optimum CPM (Cycle Per Minute) in accordance with an optimum CPM computation request of the user computer;

10 (2) a step in which when a basic information data such as age, tall, weight, grasping power, career, flying distance by the clubs, swing speed, etc. is inputted from the user computer, the server computer provides different weights by the basic information items in accordance with a correlation between each basic information item and the optimum CPM based on the CPM data with respect to each previously stored basic information and computes the optimum CPM of a corresponding user;

15 (3) a step in which the server computer extracts, from the golf club database, a product list by the brands proper to the optimum CPM of a corresponding user computed based on the basic information data inputted from the user computer and outputs to a corresponding computer; and

20 (4) a step in which when a purchase data of a specific golf club is inputted from the user computer that received the product list by the brands proper to the optimum CPM, the server computer requests a cost payment and performs the cost payment based on the golf club purchase based on the cost payment data inputted from the user computer and controls an operation that the golf club is delivered to
25 the address that a corresponding user inputted.

6. The method of claim 5, wherein said step (1) includes the sub-steps of:

(1-1) a step in which the server computer requests a member log-in or new member registration to the user computer that is connected with the server computer through the communication network;

(1-2) a step in which the server computer judges whether a member log-in data is inputted from the user computer or a new member registration selection data is inputted from the user computer;

(1-3) a step in which as a result of the judgment, when a member log-in data is inputted from the user computer, the inputted data is compared with a log-in data of a corresponding user stored in the member management database, so that a member connection is performed;

(1-4) a step in which as a result of the step 1-2, when a new member registration selection data is inputted from the user computer, the server computer outputs a certain form data for a new member registration to a corresponding user computer;

(1-5) a step for storing a log-in information and personal information inputted by the user in accordance with a certain form data into the member management database, performing a new member registration process and requesting a reconnection;

(1-6) a step in which the server computer judges whether an optimum CPM computation request data is inputted from the user computer that performed the member connection; and

(1-7) a step in which as a result of the judgment, when an optimum CPM computation request data is inputted from the user computer, the server computer outputs a certain form data to a corresponding user computer for inputting a basic information data for an optimum CPM computation.

7. The method of claim 5, wherein said step (2) includes the sub-steps of:

(2-1) a step in which the server computer judges whether a basic information data is inputted from the user computer for computing the optimum CPM;

(2-2) a step in which as a result of the judgment, when a basic information data is inputted from the user computer for computing the optimum CPM, the server computer stores a basic information data for computing the optimum CPM inputted from the user computer into the member management database;

(2-3) a step in which the optimum CPM computation unit of the server computer computes a relationship of the CPM with respect to each basic information inputted from the user computer based on the CPM data with respect to each basic information stored in the CPM database;

(2-4) a step in which after the relationship of the CPM with respect to each basic information is computed, the optimum CPM computation unit of the server computer provides different weights by the basic information items based on a correlation between each basic information item and the optimum CPM;

(2-5) a step in which the optimum CPM computation unit of the server computer computes the optimum CPM of a corresponding user based on different weights by the basic information item provided in the step (2-4);

(2-6) a step in which the server computer stores the optimum CPM of a corresponding user computed by the optimum CPM computation unit and outputs to a corresponding user computer, so that the user can check the optimum CPM proper to the user.

8. The method of claim 5, wherein said step (3) includes the sub-steps of:

(3-1) a step in which the server computer extracts a product list by the brands in a permissible error range of the optimum CPM of a corresponding user computed in the step (2) among the product lists by each brand stored in the golf

club database;

(3-2) a step in which the server computer classifies the product lists by the brands extracted in the step (3-1) in a sequence most proper to the optimum CPM of a corresponding user;

5 (3-3) a step in which the server computer generates a diagnosis data of a golf club proper to a corresponding user based on the optimum CPM of a corresponding user computed in the step (2); and

(3-4) a step in which the server computer outputs the product list by the brands classified in a sequence most proper to the optimum CPM of a
10 corresponding user in the step (3-2) and the diagnosis data generated in the step (3-3) to a corresponding user computer, respectively.

9. The method of claim 5, wherein said step (4) includes the sub-steps of:

(4-1) a step in which the server computer judges whether a purchase data
15 of a specific golf club is inputted from the user computer that received the product list by each brand proper to the optimum CPM;

(4-2) a step in which as a result of the judgment, when a purchase data of the golf club is inputted, the cost payment unit of the server computer outputs a cost payment request data for paying the specific golf club selected by the user to the
20 user computer;

(4-3) a step in which the server computer judges whether a cost payment data is inputted from the user computer based on the purchase of the specific golf club;

(4-4) a step in which as a result of the judgment, when the cost payment
25 data is inputted from the user computer based on the purchase of the specific golf club, the cost payment unit of the server computer processes a payment of the cost through a payment method selected by the user;

(4-5) a step in which the server computer generates a delivery data for delivering the specific golf club selected by the user to the address that the user inputted, after the user pays the cost through the payment method selected by the user;

5 (4-6) a step in which the server computer outputs the delivery data generated in the step 4-5 to the server that manages the delivery; and

(4-7) a step in which the server computer checks the completion of the delivery of the golf club purchased by the user and finishes the service.